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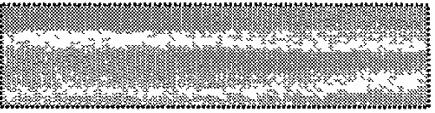
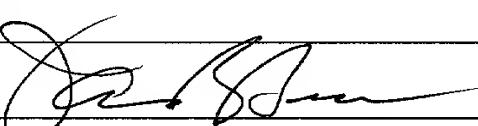
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<b>Attorney Docket No.</b>   16356.550 (DC-02468) <b>First Named Inventor or Application Identifier</b> Hatim Amro et al. <b>Express Mail Label No.</b> _____					
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> <b>Commissioner for Patents</b> <b>Box Patent Application</b> <b>Washington, DC 20231</b>					
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<b>NAME</b>		David L. McCombs Haynes and Boone, LLP					
<b>ADDRESS</b>		901 Main Street Suite 3100					
<b>CITY</b>		Dallas	<b>STATE</b>	TX	<b>ZIP CODE</b>	75202	
<b>COUNTRY</b>		USA	<b>TELEPHONE</b>		214-651-5533	<b>FAX</b>	214-651-5940
<b>Name (print/type)</b>	James R. Bell			<b>Registration No. (Attorney/Agent)</b>		26,528	
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**TOTAL AMOUNT OF PAYMENT** **(\$)** 730.00

<i>Complete if Known</i>	
Application Number	N/A
Filing Date	Herewith
First Named Inventor	Hatim Amro et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	16356.550 (DC-02468)

<b>METHOD OF PAYMENT</b> (check one)		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																														
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit and over payment to Deposit Account Number <b>08-1394</b> Deposit Account Name <b>Haynes and Boone</b> <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee in 37 CFR 1.18 at the Mailing of the Notice of Allowance		<b>410. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Request publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a Brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="6">* Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="6"><b>SUBTOTAL (3) (\$)</b> 40.00</td> </tr> </tbody> </table>					Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - 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PATENT

Docket Number: DC-02468 (16356.550)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hatim Amro et al.

Serial No. N/A

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Examiner: N/A

Filed: Herewith

§ Group Art Unit: N/A

For: SYSTEM AND METHOD FOR  
SEARCHING WEBSITES ASSOCIATED  
WITH BOOKMARKS

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Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

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## SYSTEM AND METHOD FOR SEARCHING WEBSITES ASSOCIATED WITH BOOKMARKS

Inventors: Hatim Amro  
14025 Wells Port Drive  
Austin, Texas 78728

Robert G. Nadon  
102 Debora Court  
Georgetown, Texas 78628

Assignee: Dell Products L.P.  
One Dell Way  
Round Rock, Texas 78682-2244

David L. McCombs  
HAYNES AND BOONE, L.L.P.  
901 Main Street  
Suite 3100  
Dallas, Texas 75202-3789  
(214) 651-5533

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**SYSTEM AND METHOD FOR SEARCHING  
WEBSITES ASSOCIATED WITH BOOKMARKS**

Background

5 The disclosures herein relate generally to computer systems and more particularly to searching websites associated with bookmarks using a computer system.

Web browsers such as Netscape Navigator and Microsoft Internet Explorer typically include a feature that allows a user to store a reference to a website. 10 These references are referred to as bookmarks by Netscape Navigator and favorites by Microsoft Internet Explorer. The term bookmark will be used herein to refer to a reference to a website stored by a user. Web browsers provide a user with the ability to view the user's bookmarks and may provide a user with the ability to organize the user's bookmarks. A user, however, may store many 15 bookmarks. The user may then be unable to easily locate a particular bookmark in the user's list of bookmarks to access a website associated with the bookmark. In addition, a user may forget which bookmark is associated with information on a website the user wishes to access.

Therefore, what is needed is a system and method for searching a website 20 associated with a bookmark.

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Summary

One embodiment, accordingly, provides a method that includes receiving a search term and an identifier associated with a bookmark. A database is searched using the search term and a website associated with the bookmark is also  
5 searched using the search term.

A principal advantage of this embodiment is that it allows a user to locate previously stored information. A user may more quickly identify information for which the user is searching and may access that information in an efficient manner. The embodiment may also allow the user to more effectively use features  
10 of a web browser.

Brief Description of the Drawings

Fig. 1 is a diagram illustrating an embodiment of computer systems coupled to a communications network.

15 Fig. 2 is a diagram illustrating an embodiment of a user interface of a web browser configured to allow a user to access a search engine.

Fig. 3 is a diagram illustrating an embodiment of a user interface of a web browser configured to display results from a search engine.

20 Fig. 4a is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks.

Fig. 4b is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks.

Detailed Description

25 Fig. 1 is a diagram illustrating an embodiment of computer systems coupled to a communications network 120. In Fig. 1, a computer system 100, a computer system 110, and a computer system 130 are coupled to communications network

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120. Computer system 100 includes bookmarks 102, and computer system 110 includes search engine 112.

Search engine 112 may be any search engine accessible using communications network 120 such as Lycos (<http://www.lycos.com>), AltaVista (<http://www.altavista.com>), HotBot (<http://www.hotbot.com>), Webcrawler (<http://www.webcrawler.com>), or a private search engine available only to certain users.

Computer systems 100, 110, and 130 may be any type of computing device configured to process, receive, and transmit information. Computer system 110 receives inputs from and provides outputs to a user 10 as indicated by arrows 12. Similarly, computer system 130 receives inputs from and provides outputs to a user 20 as indicated by arrows 22.

Communications network 120 may be any type of wired or wireless network configured to receive and transmit information such as the Internet, an intranet, a local area network (LAN), or a wide area network (WAN).

Web browsers such as Netscape Navigator and Microsoft Internet Explorer typically include a feature that allows a user to store a reference to a website. These references are referred to as bookmarks by Netscape Navigator and favorites by Microsoft Internet Explorer. The term bookmark will be used herein to refer to a reference to a website stored by a user.

As shown in Fig. 1, user 10, using a web browser, causes bookmarks 102 to be stored on computer system 100. Bookmarks 102 may be stored in a bookmark file. To search websites associated with bookmarks 102, user 10 provides a search term to search engine 112 on computer 110 using communications network 120. An identifier for each bookmark in bookmarks 102 is also provided to search engine 112. A script written in the Java programming language may be used to generate the identifiers. In one embodiment, an identifier includes a URL (Uniform Resource Locator) or a website address associated with a bookmark. In

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other embodiments, identifiers may include other information. User 10 may select an indicator to cause search engine 112 to search websites associate with bookmarks 102. Alternatively, a search engine may automatically cause websites associated with bookmarks 102 to be searched.

5 A user may also cause websites associated with bookmarks on a remote computer system to be searched. In Fig. 1, user 20 inputs a search term into computer system 130 and specifies that websites associated with bookmarks 102 on computer system 100 are to be searched. Search engine 112 receives the search term and accesses bookmarks 102 to obtain identifiers for the websites  
10 associated with bookmarks 102. Search engine 112 performs a search of a database and the websites associated with bookmarks 102 using the search term and provides the search results to computer system 130. Computer system 130 displays the search results to user 20.

Fig. 2 is a diagram illustrating an embodiment of a user interface 200 of a  
15 web browser configured to allow a user to access a search engine. Fig. 2 shows an example search engine website using a web browser. The web browser may be run on computer system 100 or computer system 130 shown in Fig. 1. The example search engine website is accessed using a URL,  
http://www.searchengine.com, entered into box 204, or alternatively, access using  
20 “Bookmarks” menu 202, to cause the search engine website to be displayed as shown.

A user inputs a search term into box 206 to cause the search engine to perform a search using the search term. The user also selects checkbox 208, as indicated by the X in checkbox 208, to cause websites associated with the user’s  
25 bookmarks to be searched. The user may also select checkbox 210, as indicated by the X in checkbox 210, to cause websites associated with bookmarks stored on a remote computer system to be searched. The user inputs an identifier of the remote computer system in box 212. This identifier may be a URL or another

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type of information that designates bookmarks stored on a particular computer. The bookmarks on the remote computer system may be the user's own bookmarks or another user's bookmarks.

Referring back to Fig. 1, search engine 112, executing on computer system 110, receives a search term and one or more identifiers associated with bookmarks 102 from computer system 100. Search engine 112 searches a database using the search term. The database may be a part of search engine 112 or may be located on a remote computer system (not shown). Search engine 112 also searches websites associated with bookmarks 102. Search engine 112 then provides the results of searching the database and the websites to computer system 100.

Search engine 112 may also receive a search term and an identifier that identifies computer system 110 from computer system 130. In this case, search engine 112 causes bookmarks 102 on computer system 100 to be accessed and receives identifiers associated with bookmarks 102. Search engine 112 searches the database and websites associated with bookmarks 102 and provides the results of the searches to computer system 130.

In response to receiving results from search engine 112, computer system 110 displays the results to user 10. User 10 selects a result to cause a website associated with the one of bookmarks 102 to be displayed. Search engine 112 may also provide an advertisement to be displayed on computer system 110. Search engine 112 may use the search term and / or information from the identifiers associated with bookmarks 102 to select the advertisement to be provided to user 10. In this way, an advertisement can be targeted for user 10 based on a preference of user 10 deduced from the search term and / or information from bookmarks 102. Computer system 130 operates similarly in response to receiving results from search engine 112.

Fig. 3 is a diagram illustrating an embodiment of a user interface 300 of a web browser configured to display results from a search engine. Results are

displayed in user interface 300 as shown. The results include bookmark results 302 and other results 304. Bookmark results 302 and other results 304 are displayed on separate sections of the webpage as shown. In other embodiments, bookmark results 302 may be specially highlighted or displayed in a separate window to draw a user's attention. A user may select one of bookmark results 302 and one of other results 304 to cause a webpage associated with the selected result to be displayed.

An advertisement 306 may also be displayed in the results webpage. Advertisement 306 may be selected by the search engine based on the search term and / or information from bookmarks used in the search.

Fig. 4a is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks from the perspective of a user. A search term is input into a search engine as indicated in step 402. A "Search Bookmarked Sites" indicator is selected as indicated in step 404. Where a search engine is set to search websites associated with bookmarks by default, this step may be omitted. Search results are received as indicated in step 406. The search results may be presented to the user in any suitable manner such as displaying them on a user device. The search results associated with bookmarked websites may be highlighted or displayed separately from other search results. A search result is selected to display a website associated with the bookmark as indicated in step 408.

Fig. 4b is a flowchart illustrating an embodiment of a method for searching websites associated with bookmarks from the perspective of a search engine. A search term and one or more identifiers associated with one or more bookmarks are received as indicated in step 412. One identifier may be received for each of a user's bookmarks. In one specific embodiment, an identifier is an address of a website. A database is searched using the search term as indicated in step 414. It may be noted that the database may be directly associated with the search engine

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or may be accessed remotely. Websites associated with the bookmarks are searched using the search term as indicated in step 416. Results of the search are provided to a user as indicated in step 418.

As can be seen, the principal advantages of these embodiments are that  
5 they allow a user to locate previously stored information. A user may more quickly identify information for which the user is searching and may access that information in an efficient manner. The embodiment may also allow the user to more effectively use features of a web browser. The embodiment may supplement the organizational aspects of bookmarks by allowing a user to search websites  
10 associated with the bookmarks.

Although illustrative embodiments have been shown and described, a wide range of modification, change and substitution is contemplated in the foregoing disclosure and in some instances, some features of the embodiments may be employed without a corresponding use of other features. Accordingly, it is  
15 appropriate that the appended claims be construed broadly and in a manner consistent with the scope of the embodiments disclosed herein.

Claims

What is claimed is:

- 1 1. A method comprising:
  - 2 receiving a search term and an identifier associated with a
  - 3 bookmark;
  - 4 searching a database using the search term; and
  - 5 searching a website associated with the bookmark using the search
  - 6 term.
- 1 2. The method of claim 1, further comprising:
  - 2 searching the website associated with the bookmark in response to
  - 3 an indicator being selected.
- 1 3. The method of claim 1, further comprising:
  - 2 providing a result of searching the website associated with the
  - 3 bookmark to allow the result to be displayed.
- 1 4. The method of claim 3, further comprising:
  - 2 displaying the website in response to the result being selected.
- 1 5. The method of claim 3, further comprising:
  - 2 displaying an advertisement associated with the bookmark in
  - 3 response to displaying the result.

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- 1       6. The method of claim 1, further comprising:  
2                  providing the search term and the identifier associated with the  
3                  bookmark to a search engine;  
4                  searching the database using the search term in response to the  
5                  search engine receiving the search term; and  
6                  searching the website associated with the bookmark using the search  
7                  term in response to the search engine receiving the identifier.
- 1       7. The method of claim 1, further comprising:  
2                  accessing a file that includes the bookmark; and  
3                  creating the identifier in response to accessing the file.
- 1       8. A system comprising:  
2                  a computing device for:  
3                  receiving a search term and an identifier associated with a  
4                  bookmark;  
5                  searching a database coupled to the computing device using the  
6                  search term; and  
7                  searching a website associated with the bookmark using the search  
8                  term.
- 1       9. The system of claim 8, wherein the computing device is for:  
2                  searching the website associated with the bookmark in response to  
3                  an indicator being selected.
- 1      10. The system of claim 8, wherein the computing device is for:  
2                  providing a result of searching the website associated with the  
3                  bookmark to a user device.

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- 1    11. The system of claim 10, wherein the computing device is for:
  - 2                 providing the result to the user device to allow the website to be
  - 3                 displayed in response to the result being selected.
- 1    12. The system of claim 10, wherein the computing device is for:
  - 2                 providing an advertisement associated with the bookmark to the
  - 3                 user device to allow the user device to display the advertisement.
- 1    13. The system of claim 8, wherein the computing device is for:
  - 2                 providing the search term and the identifier associated with the
  - 3                 bookmark to a search engine;
  - 4                 searching the database using the search term in response to the
  - 5                 search engine receiving the search term; and
  - 6                 searching the website associated with the bookmark using the search
  - 7                 term in response to the search engine receiving the identifier.
- 1    14. The system of claim 8, wherein the computing device is for:
  - 2                 causing a file on the user device that includes the bookmark to be
  - 3                 accessed; and
  - 4                 causing the identifier to be created in response to the file being
  - 5                 accessed.
- 1    15. The system of claim 8, wherein the computing device is for:
  - 2                 causing a file on a remote device that includes the bookmark to be
  - 3                 accessed; and
  - 4                 causing the identifier to be created in response to the bookmark file
  - 5                 being accessed.

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- 1    16. A computer program product comprising:
  - 2                 a computer program processable by a computer system for causing
  - 3                 the computer system to:
    - 4                         receive a search term and an identifier associated with a bookmark;
    - 5                         search a database coupled to the computing device using the search
    - 6                         term; and
    - 7                         search a website associated with the bookmark using the search
    - 8                         term; and
    - 9                         an apparatus from which the computer program is accessible by the
    - 10                        computer system.
- 1    17. The computer program product of claim 16, the computer program  
2                 processable by the computer system for causing the computer system to:
  - 3                         search the website associated with the bookmark in response to an
  - 4                         indicator being selected.
- 1    18. The computer program product of claim 16, the computer program  
2                 processable by the computer system for causing the computer system to:
  - 3                         provide a result of searching the website associated with the
  - 4                         bookmark to a user device.
- 1    19. The computer program product of claim 18, the computer program  
2                 processable by the computer system for causing the computer system to:
  - 3                         provide a result of searching the website associated with the
  - 4                         bookmark to a user device.

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- 1    20. The computer program product of claim 18, the computer program
- 2               processable by the computer system for causing the computer system to:
- 3                       provide an advertisement associated with the bookmark to the user
- 4                       device to allow the user device to display the advertisement.

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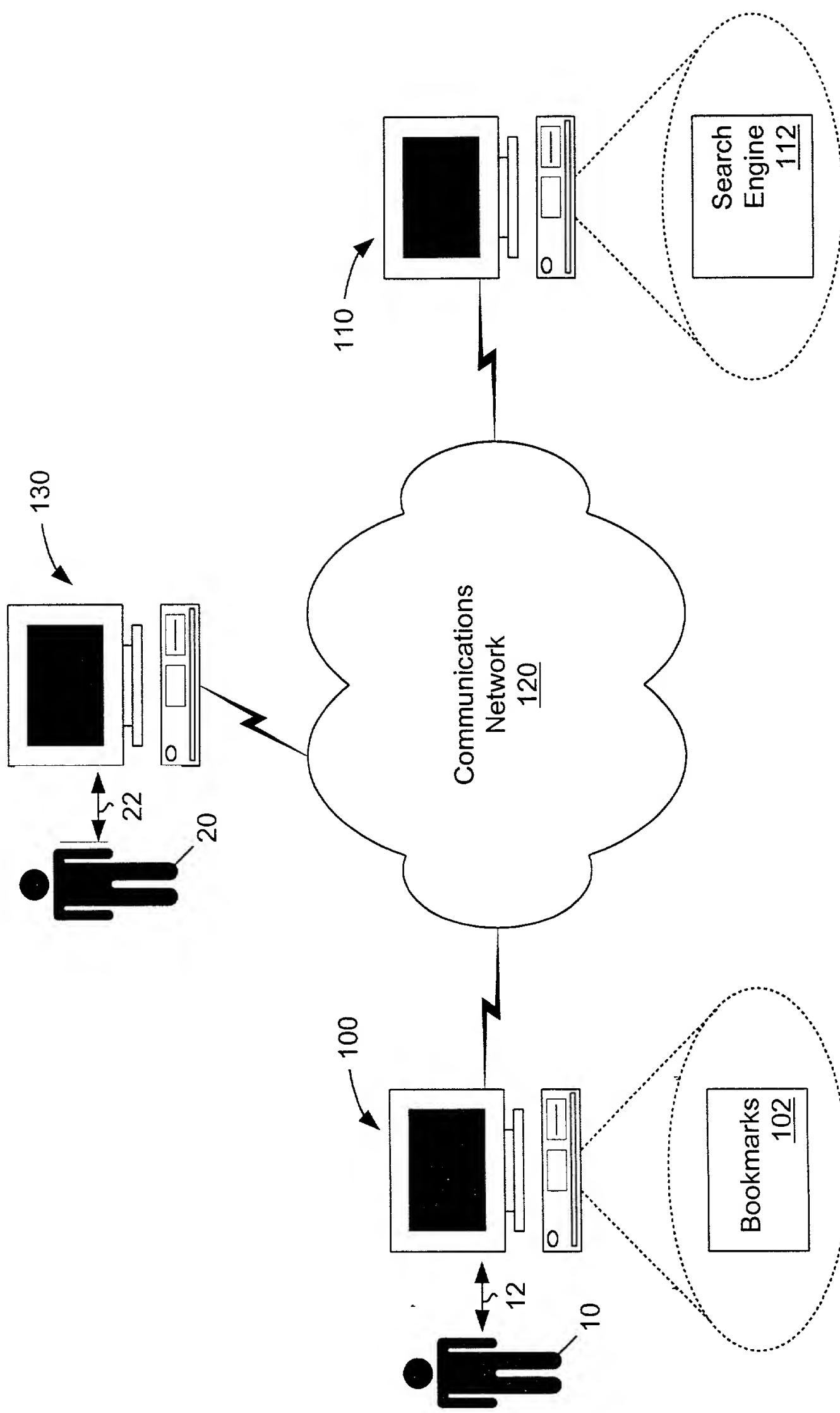
Docket No.: DC-02378 (16356.542)

**SYSTEM AND METHOD FOR SEARCHING WEBSITES  
ASSOCIATED WITH BOOKMARKS**

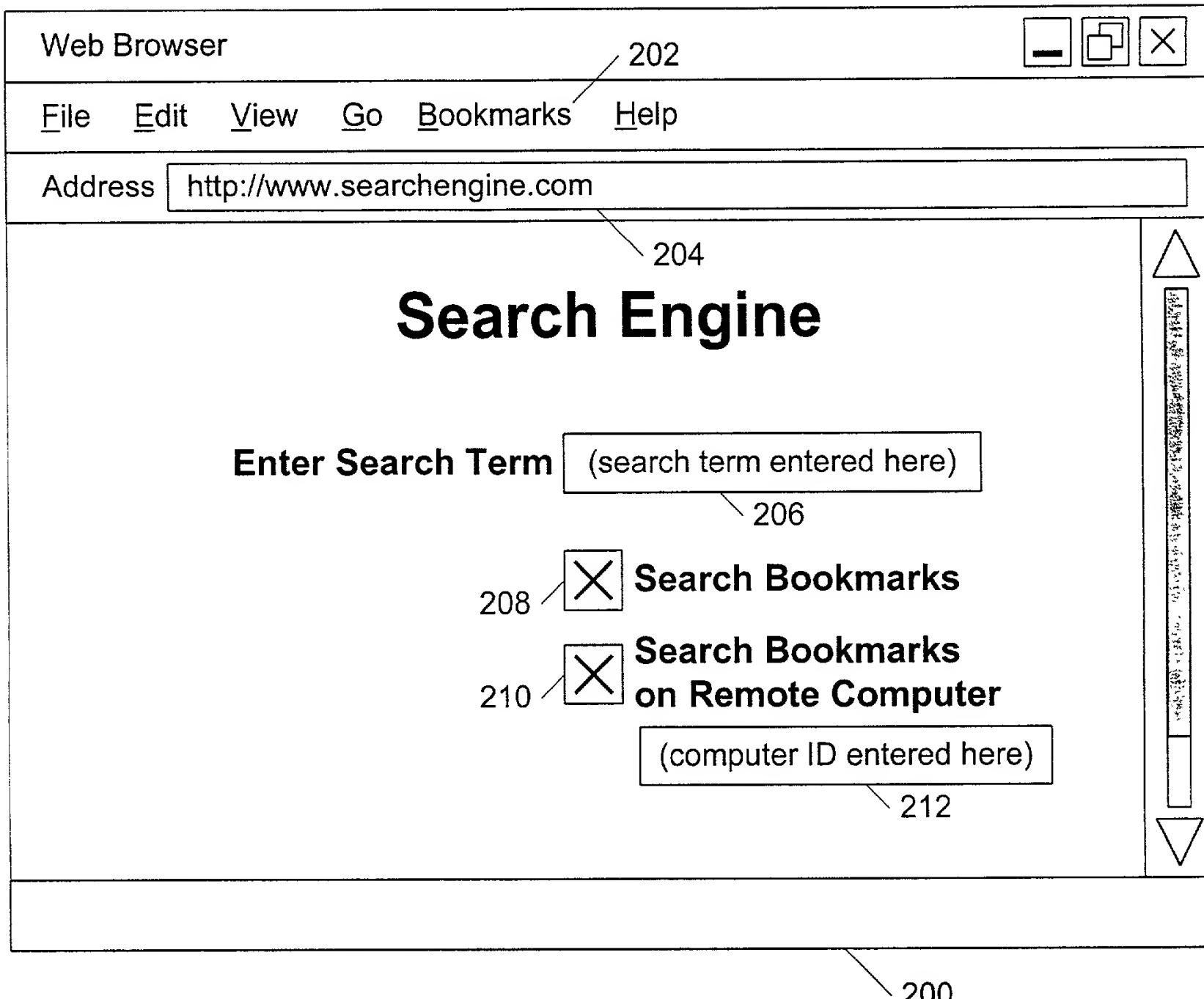
**Abstract of Disclosure**

5 A method that includes receiving a search term and an identifier associated with a bookmark is provided. A database is searched using the search term and a website associated with the bookmark is also searched using the search term.

a-102906



**Fig. 1**



**Fig. 2**

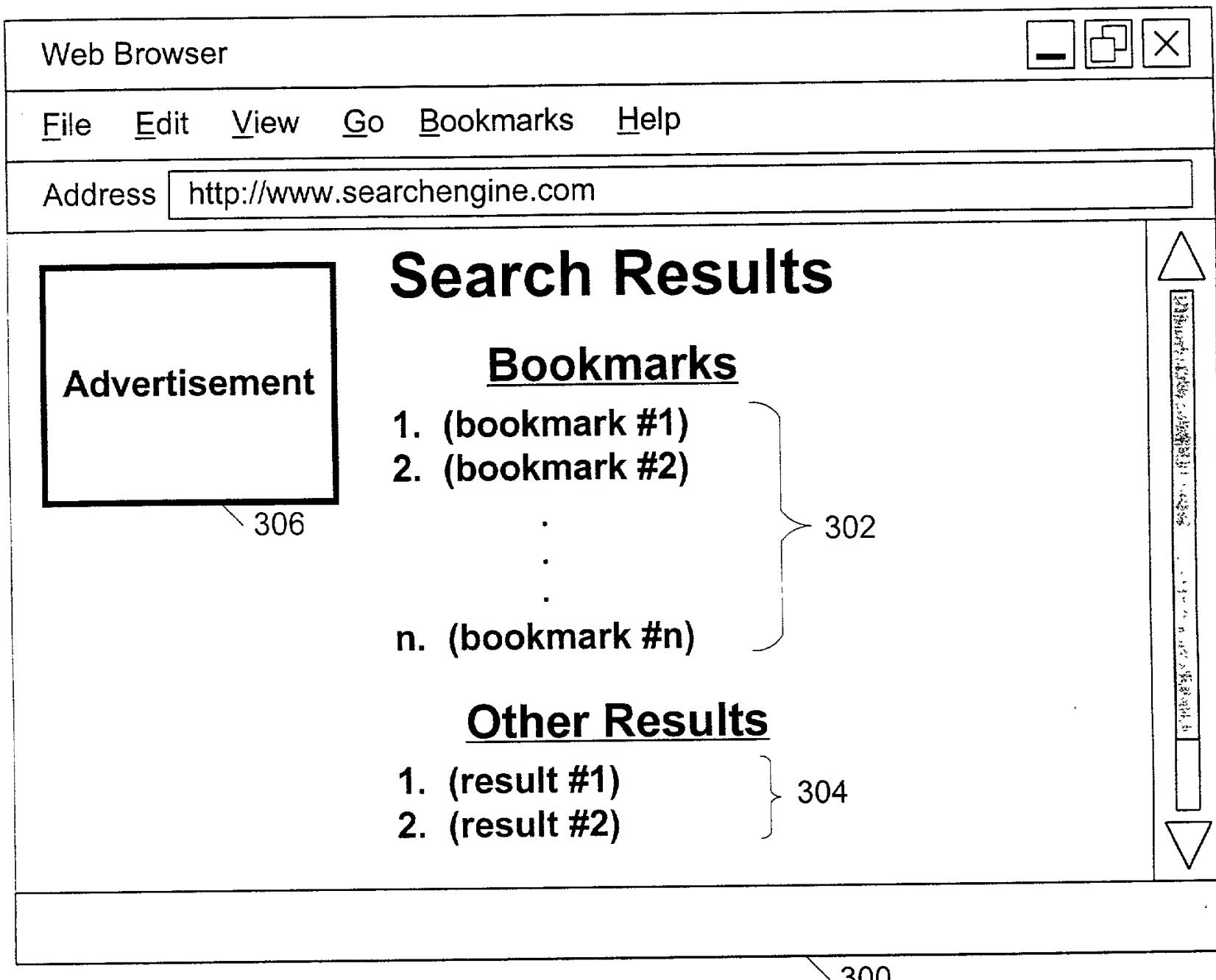
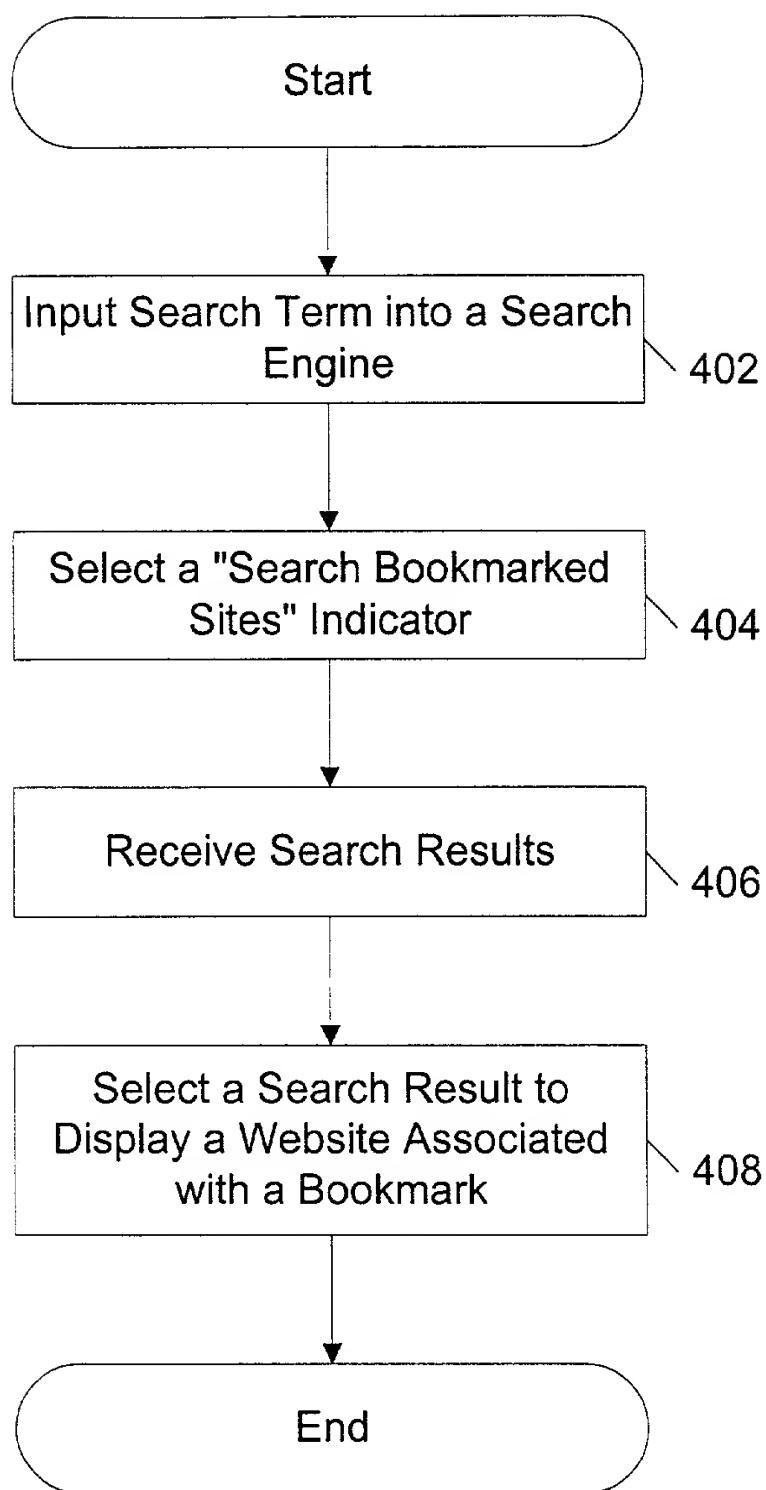
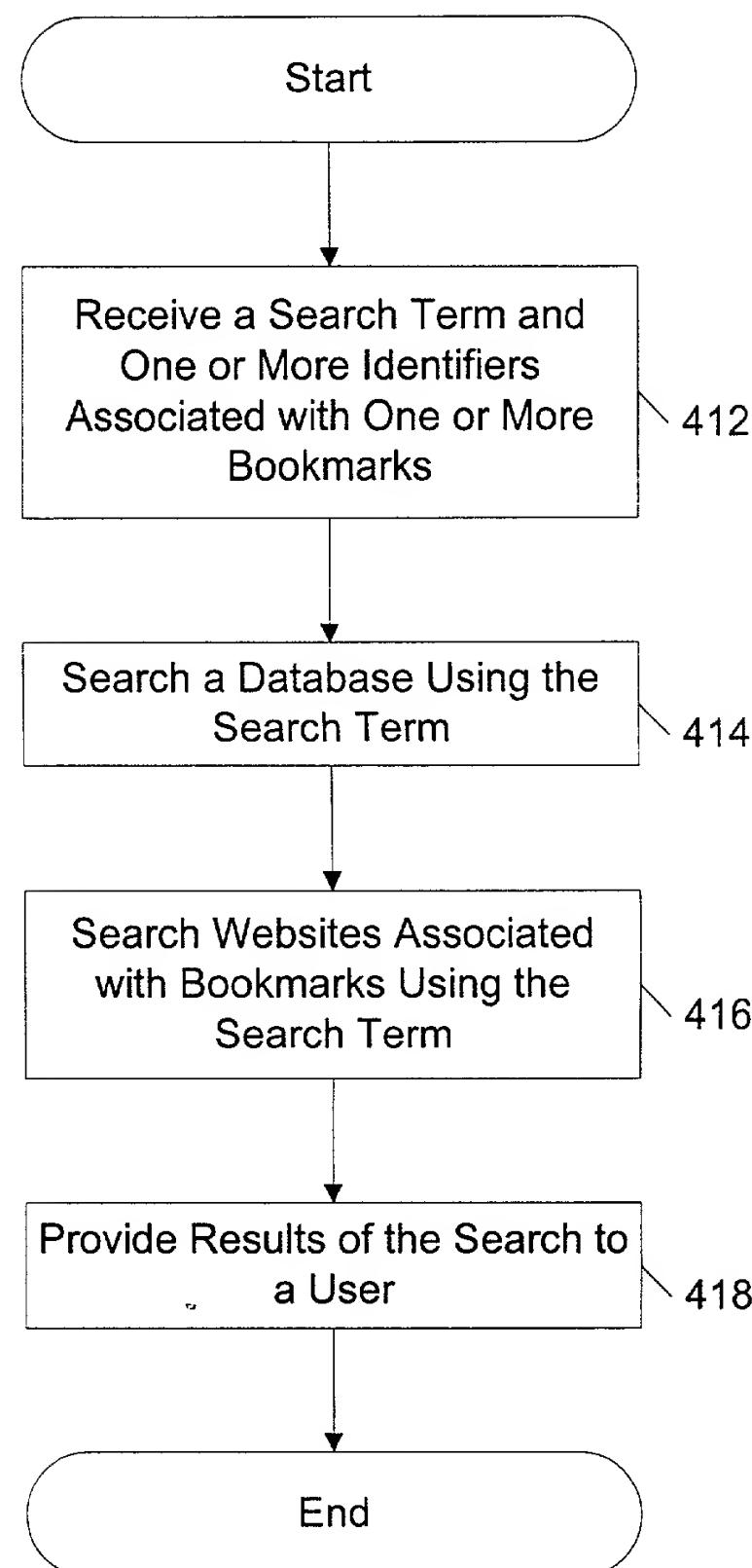


Fig. 3



**Fig. 4a**



**Fig. 4b**

**DECLARATION AND POWER OF ATTORNEY FOR  
PATENT APPLICATION**

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SYSTEM AND METHOD FOR SEARCHING  
WEBSITES ASSOCIATED WITH BOOKMARKS**

the specification of which: (check one)

XXX is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_  
under Attorney's Docket Number \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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POWER OF ATTORNEY: As a named inventor, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Jeffrey M. Becker	Reg. No. 35,442	Mark P. Kahler	Reg. No. 29,178
James R. Bell	Reg. No. 26,528	Warren B. Kice	Reg. No. 22,732
Michael S Bush	Reg. No. 31,745	Christopher P. Kosh	Reg. No. 42,760
Randall E. Colson	Reg. No. 40,566	Michael J. Balconi-Lamica	Reg. No. 34,291
Michael A. Davis, Jr.	Reg. No. 35,488	Todd Mattingly	Reg. No. 40,298
Ruben C. DeLeon	Reg. No. 37,812	David L. McCombs	Reg. No. 32,271
Anthony Peterman	Reg. No. 38,270	David M. O'Dell	Reg. No. 42,044
Henry Garrana	Reg. No. 27,887	Phillip B. Philbin	Reg. No. 35,979
Timothy Headley	Reg. No. 31,765	Diana L. Roberts	Reg. No. 36,654
Rita M. Irani	Reg. No. 31,028	Brandi W. Sarfatis	Reg. No. 37,713

Send correspondence to David L. McCombs, Haynes and Boone, L.L.P., 901 Main Street, Suite 3100, Dallas, Texas 75202-3789 and direct all telephone calls to David L. McCombs at 214/651-5533.

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FULL NAME OF INVENTOR: Hatim Amro

INVENTOR'S SIGNATURE: \_\_\_\_\_ DATED: \_\_\_\_\_

RESIDENCE: 14025 Wells Port Drive, Austin, Texas 78728

CITIZENSHIP: United States of America

POST OFFICE ADDRESS: 14025 Wells Port Drive, Austin, Texas 78728

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FULL NAME OF INVENTOR: Robert G. Nadon

INVENTOR'S SIGNATURE: Robert G. Nadon DATED: 9/22/2000

RESIDENCE: 102 Debora Court, Georgetown, Texas 78628

CITIZENSHIP: United States of America

POST OFFICE ADDRESS: 102 Debora Court, Georgetown, Texas 78628

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